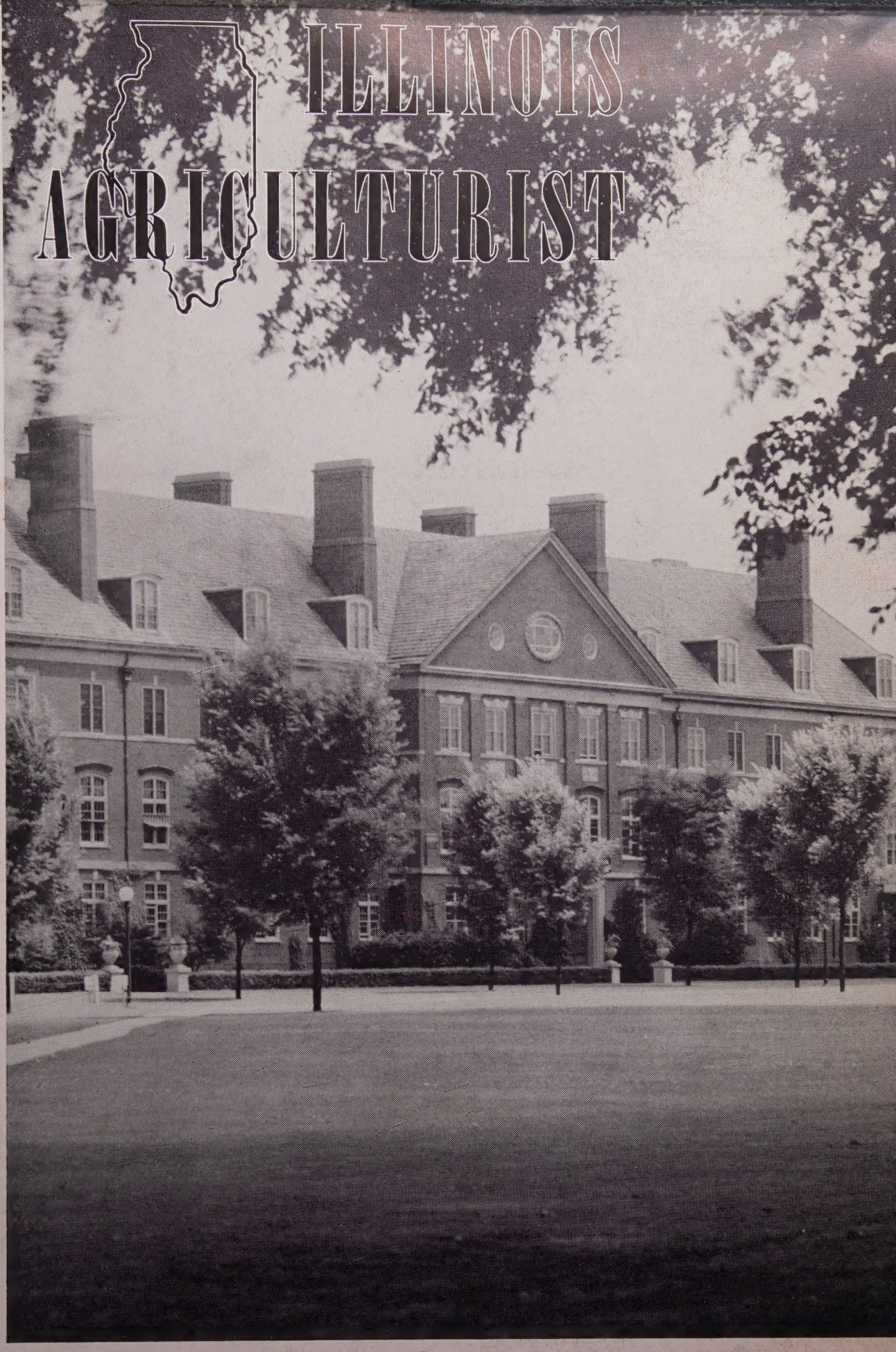
ILLINOIS AGRICULTURIST



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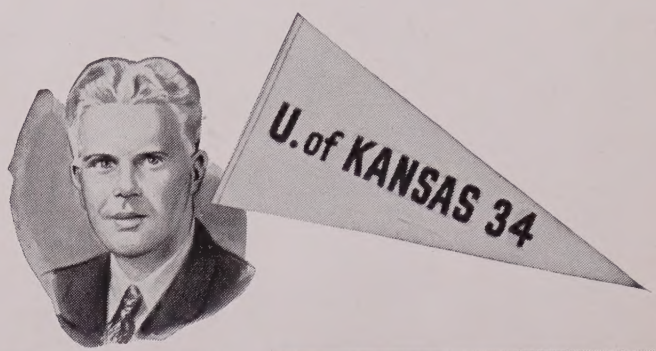


Campus to GENERAL ELECTRIC

V-2 ENGINEER

The Story of

DICK PORTER



IT IS TYPICAL of Dick Porter's experience that his latest assignment, that of experimenting with such "guided missiles" as the V-2 rocket, is almost a complete engineering departure from his earlier fields of concentration.

As a senior at the U. of Kansas in 1934, his interest was in radio, so much so that he made it a part of even his extra-curricular activities. For the university station, KFKU, he rigged up studio and transmitter equipment out of salvage materials. His doctor's thesis at Yale in 1937 was on frequency doublers.

But at General Electric Dick found opportunity to learn other phases of engineering. For a year "on Test" and two more years in the G-E Advanced Engineering Course he studied and worked out problems in transformers, induction motors, oil circuit breakers.

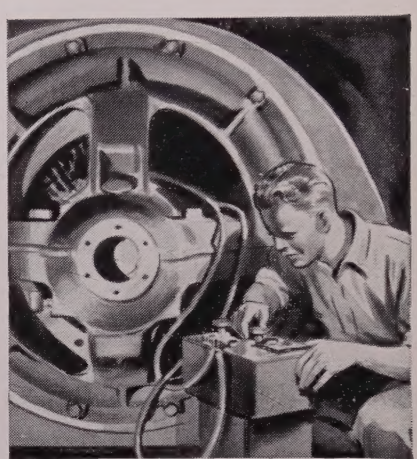
His first major assignment with G.E. was in a field not only new to him but to the electrical industry—he contributed to the pioneer research in amplidyne control.

As the war progressed, and bigger and better bombers were required, flight engineers began to dream of the Superfortress, whose gun turrets would be turned electrically, whose heavy guns would be aimed electronically. Development of this gunnery system called for a supervisor whose engineering knowledge ranged through many fields. It was Dick Porter, less than ten hard-working years out of Kansas U., who drew the assignment.

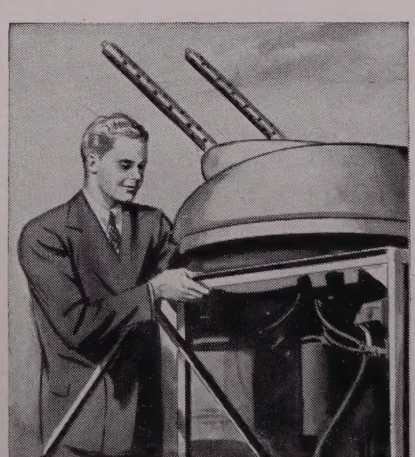
Next to schools and the U.S. government, General Electric is the foremost employer of college engineering graduates.



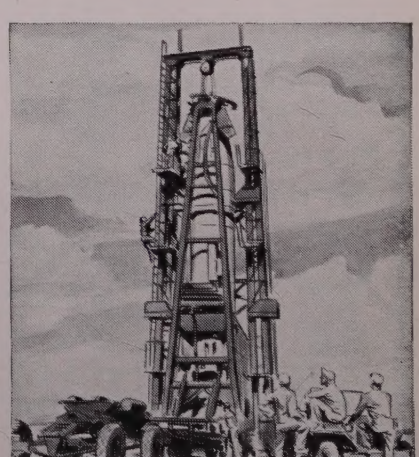
Chief engineer of his campus station, Dick found good fun, good training in putting classroom theories to spare-time practice.



Other fields than radio interested him at G.E. on "Test." Problems in transformers, motors broadened his engineering knowledge.



For his work in connection with gunnery systems and in other wartime projects, Dick received the Yale Engineering Association's award for the advancement of science.



At his present assignment for G.E., he is project engineer on the "guided missiles" program, which includes launchings of V-2 rockets at White Sands, New Mexico.

GENERAL ELECTRIC

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In this Issue . . .

Welcome—Class of '50 4-5

What Veterinary Freshmen Can Expect 7

May We Present Dr. Robert Graham 8

Extension "Juniors" Train in Missouri 9

Why Join the Rural Life Club 10

Hitch Your Wagon to Home Economics 11

Your College Room 11

Adequate Etiquette 12

Gone But Not Forgotten 13

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Our Cover—Mumford Hall *is the center of activity on the Ag campus, housing many of the main offices, it is also notable for the "loft," where some of the more informal student activities are held.*

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WELCOME — CLASS OF '50 . . .

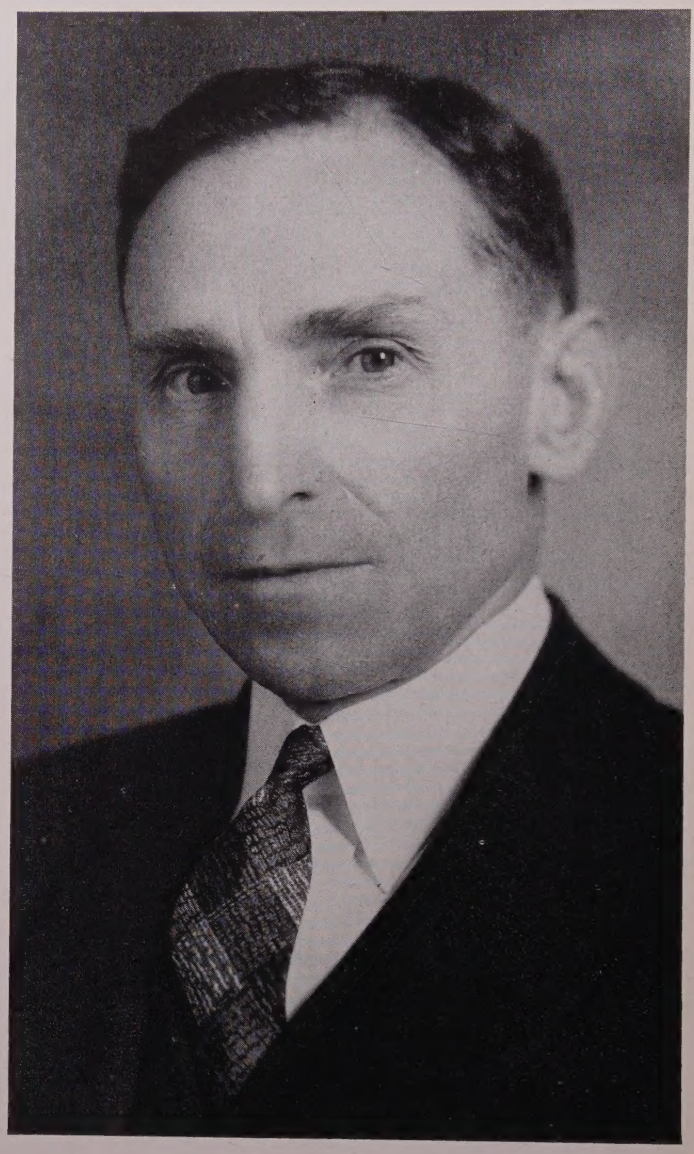
You will be the class of 1950. Ahead of you lie the best four years of your life. Take them, hold them, search them carefully and then reap from the best that you can. We cannot tell you to look back over the last four years and use them as a standard by which to mold your future. These were four years of uncertainty and fear. These were abnormal years. But this year, once again you, the class of 1950, may enjoy the joys and privileges of a normal year.

What goes to make up a normal year at the University of Illinois? Your year will be full of lectures, discussions, and labs. Some of these will not seem worth while to you but others will be guiding factors for your future. You will burn the midnight oil boning for exams, you will sweat and wish yourself back in your old uncomplicated life, but strangely enough you'll live and finish the course with a sense of relief and triumph.

Not all of your time will be taken up in the class room. There will be many free hours in which to wile away time. There will be Agriculturist meetings, the Hoof and Horn Club, and Home Ec. Club meetings. Theatre Guild may test your dramatic powers or The Daily Illini your reporting ability. The evenings will find mass coke dates being held down in the Union. There will be big dances, small dances, and bull sessions after the chimes have rung in the wee hours. There will be rivalry between houses, clubs, and classes. Each one of you will see to it that you have the best organization on campus—or in the United States. Once again there will be a Military Ball and perhaps a Peanut Banquet. Back to the campus will come the glitter betand the glamour and the traditions of a college life. You will usher them back—so do a good job of it.

Next year will be a normal year. Glory in it and take advantage of it. Always remember that you are the class of 1950—the year that is the half-way mark in one of the most exciting and promising centuries the world has ever seen. You, as the class of that year, can be one of the most exciting and promising classes the University of Illinois has ever seen. Good Luck to each one of you in making it so.

—N. L. W.



It is a genuine pleasure for me to extend an official welcome to you, the members of the class of 1950, as well as to others who come to the College of Agriculture for the first time.

Your graduation year will bring the 20th century to its half-way mark. To that point it will have produced many things of untold value to man. But its real gift will be made during its second half—during your productive years. This places on each of you a dual responsibility: you must learn the good which the century has developed and is capable of developing, then find ways by which these gifts can be utilized to the greatest benefit of humanity as a whole.

Those of you see this vision will find rich opportunity at the University of Illinois to prepare yourselves for leadership which the second half of the 20th century will so much need.

W. E. Carroll,
Acting Dean, College of Agriculture.

THE AG. CLUB WELCOMES YOU

The members of the Agriculture Club extend a warm welcome to you new Illini who have chosen Agriculture as your course of study. Upon you the people of the world depend for their very existence. However, our task is not completed when we have given all the peoples bread and meat for their tables. Through the many channels of research, we must give unstintingly to medicine, education, social welfare, and industry.

It is the purpose of the Agriculture Club to instill in its members the vitality for the responsibilities that rest on their shoulders. Ours is a great profession, and it is ours to make even greater.

Hubert J. Wetzel,
President, Agriculture Club.

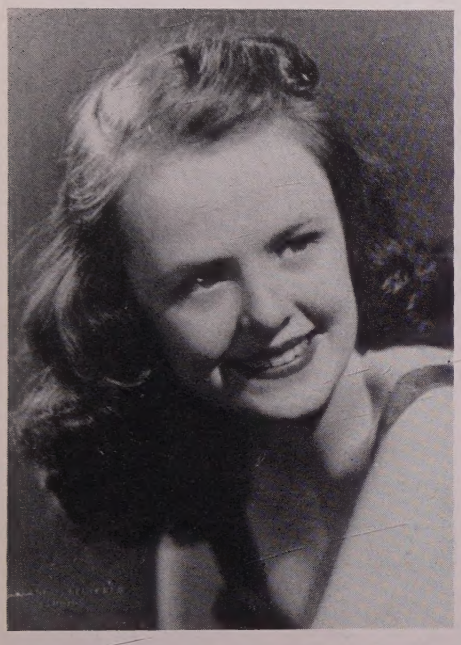
. . . TO THE ILLINOIS CAMPUS



A cordial welcome to you who this autumn have joined us in our quest for ways of insuring happy and healthful home living for everybody. May you have four years of thoroughly enjoyable study and play on our elm-shaded campus.

A college education is a great and rewarding adventure. May it fit you to be of significant service to a troubled world.

LITA BANE,
Head, Department of Home Economics.



On behalf of the sophomore, junior, and senior members of the Isabele Bevier Home Economics Club, I wish to extend heartiest greetings to you, the new members. We hope that through the club we shall be able to further develop relationships between the members as well as to become better acquainted with the field of Home Economics.

LIBBY STREID,
President, Home Economics Club.



We, of the Agriculturist, would like to especially welcome all new-comers to the College of Agriculture, University of Illinois. This will be your home of opportunity for the next four years; we know you will want to make the most of it. It is the purpose and intention of the Agriculturist to help you fulfill this aim by keeping you well informed about the agriculture campus—its activities and people.

ELDON LARSON,
Editor, Illinois Agriculturist.

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What Veterinary Freshmen Can Expect

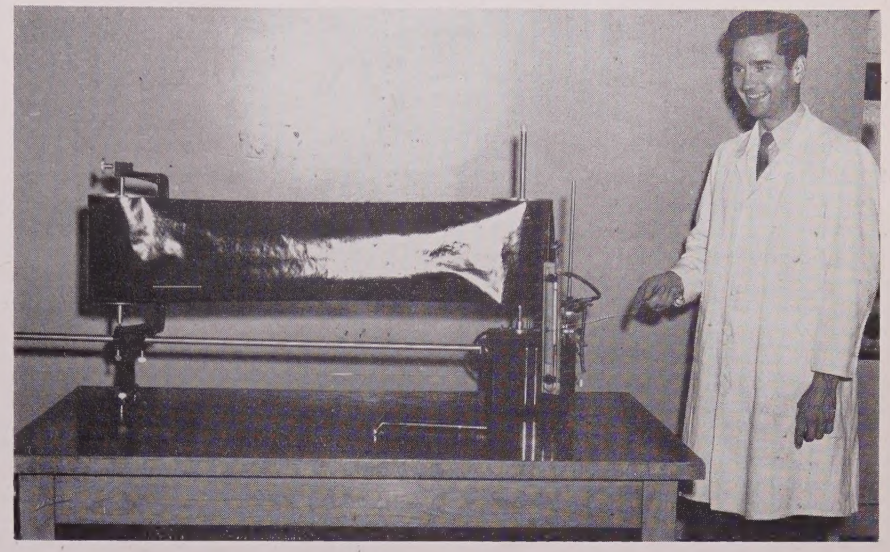
BY ROBERT GRAHAM
Dean of the College of Veterinary Medicine

One of the chief aims of the new college of Veterinary Medicine at the University of Illinois will be training students for the practice of veterinary medicine and for positions of responsibility in other fields of veterinary service. It will continue veterinary extension and research as a department of the Agricultural Extension service and the Agricultural Experiment station. The Dean of the Colleeg of Veterinary Medicine will serve as chief in veterinary research in the experiment station and veterinary extension in the College of Agriculture. The new College will also offer courses in veterinary subjects for agricultural students.

It is hoped the first freshman class can be enrolled in the fall semester of 1947. In the event the first building, or science unit, to house laboratories and class rooms, is not completed by that date, an effort will be made to provide temporary facilities for gross anatomy and histology in the old Animal Pathology laboratory.

Two questions are uppermost in the minds of prospective freshman veterinary students. First: "What are admission requirements in the new College?" For students taking their pre-veterinary training either at the University of Illinois or at another accredited college or university, a minimum of 69 semester credit hours of work on the college level is required prior to their entrance upon the veterinary curriculum. These credit hours should include 16 hours of chemistry (including organic and quantitative analysis), eight hours of biological science (including botany and general zoology), eight hours of physics (including laboratory), six hours of rhetoric, 16 hours of elective in languages, literature, history, philosophy, arts or fine arts and social science with six hours of free electives.

For students taking their pre-veterinary work at the University of Illinois, the following curriculum is suggested:



Recording of biological reactions such as heartbeat, blood pressure, respiration and muscular contractions is done by the gymograph, demonstrated above by Dr. Roger Paul Link. Doctor Link is assistant professor of veterinary physiology and pharmacology and will use the kymograph in teaching his classes.

FIRST YEAR

First Semester

Inorg. Chem. (Chem. 1 or 2)	5 or 3
Plane Trig. (Math. 4 or 4a)	2 or 3
Hygiene (Hyg. 5)	2
Elective in Group A	4
Military Science	1
Physical Education	1
Electives in Agr. to make	16 or 18

Second Semester

Inorg. Chem. (Qual. Aanal. (Chem. 5)	5
Rhetoric (Rhet. 1)	3
General Zoology (Zool. 1)	5
Elective in Group A	4
Military Science	1
Physical Education	1
	19

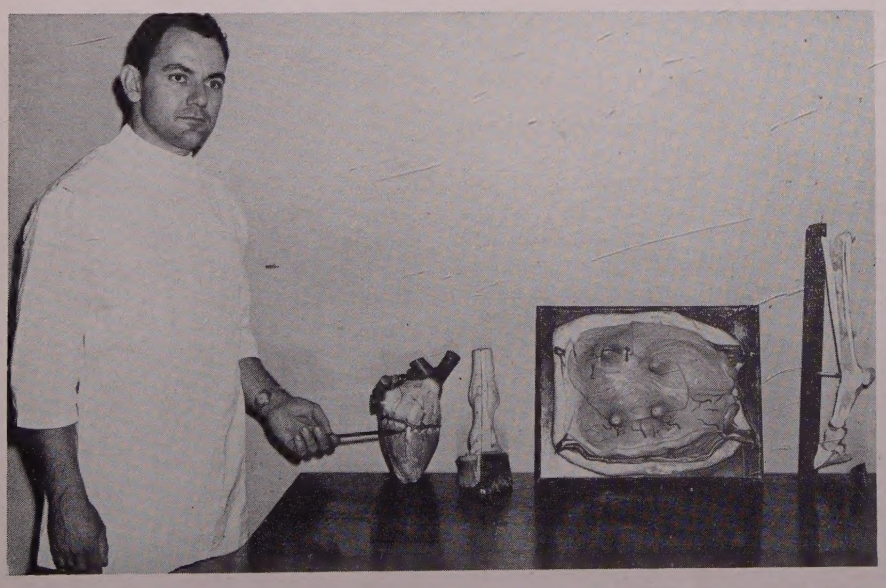
SECOND YEAR

First Semester

Quant. Anal. (Chem. 22)	5
Physics (Phys. 7a and 8a)	5
Social Science (D. G. S. 5a)	4
Rhetoric (Rhet. 2)	3
Military Science	1
Physical Education	1
	19

Second Semester

Organic Chem. (Chem. 33)	5
Physics (Phys. 7b and 8b)	5
Social Science (D. G. S. 5b)	4
Botany (Bot. 5)	3
Military Science	1
Physical Education	1
	19



Demonstrating how he will conduct lectures to freshman students is Dr. L. E. St. Clair, professor and head of the department of veterinary anatomy and histology. Since this is a principal subject for veterinary freshmen, they will undoubtedly become acquainted with Doctor St. Clair soon after registration.

(Continued on Page 8)

VETERINARY . . .

(Continued from Page 7)

For veterans of 90 days' or more service in the armed forces, credit is allowed for the courses in military science, physical education and hygiene, which are required for all non-veteran men students. Pre-veterinary work may be taken at any approved college, but students taking their work at another college or university should make certain all the credits will be accepted at the University of Illinois.

The College of Veterinary Medicine may refuse admission to applicants with a pre-veterinary grade average below 3.5 or its equivalent as determined by the University of Illinois for colleges using a different grading system.

If the number of applicants who meet the scholastic requirements exceeds the number that can be accepted, a committee on admissions of the faculty of the College of Veterinary Medicine will select those to be admitted. This committee will give preference to candidates of high scholastic attainment who are residents of Illinois and to those having farm experience. Available evidence bearing on the applicant's character and fitness will also be given consideration.

More than 800 inquiries concerning admission to the Veterinary College have been received. Approximately 50 pre-veterinary students are enrolled in the University of Illinois and several graduates in agriculture have indicated their desire to qualify for admission. Plans are being made to include about 40 students in the first freshman veterinary class. Formal application blanks will be mailed between January and June, 1947, to prospective students upon request. Applications will be accepted only from students who have completed or are in the last semester of, pre-veterinary training, either at the University of Illinois or at other accredited colleges or universities.

The answer to the second question, "What can I expect as a freshman veterinary student?" might be stated briefly as, "A freshman year of hard but interesting work with other students looking toward the same goal—mastering the subjects of gross anatomy, histology and embryology and other prescribed courses in related fields.

Subject to approval by the University Senate and the Committee on New Programs, the tentative courses and credit hours for veterinary freshmen will be as follows:

FIRST YEAR
First Semester

Gross Anatomy	4
Histology and Embryology	4
Biochemistry	5

(Continued on Page 10)

May We Present--- Dr. Robert Graham



DR. ROBERT GRAHAM
Dean of College of Veterinary Medicine

By NORMA LEE WHITTON

May we present to the new Illini and perhaps to some of the old-timers, Mr. Robert Graham, now dean of the University College of Veterinary Medicine. The Veterinary college on campus has been merely a dream until this year when finally it will make its start. Dean Graham's task is not an easy one. It will be quite a while before the new Veterinary Building is erected; he will have to work out courses, teaching problems, and the problem of too many people wanting into the school. But Dr. Graham is the man to do it for behind him lies a wealth of experience and education.

Dr. Graham came to the University faculty in 1917. He received his degree of doctor of veterinary medicine in 1910 at the Iowa State College. He was professor of veterinary science in Kentucky from 1911 to 1917 when he came to Illinois. When in Kentucky he served as veterinarian to the State Board of Health and as pathologist to the State Livestock Sanitation Board.

In 1941, Dr. Graham became head of the department of animal pathology and hygiene. While at Illinois he served as special investigator to Haiti in 1924-5. He served with the Veterinary Medical Association, the Public Health Association, The U. S. Livestock Sanitation Association, the American Academy and the Illinois Academy of Animal Hygiene.

In addition to the above Dean Graham has found time to write or collaborate on preparing 150 scientific papers on veterinary medicine and 50 bulletins or circulars on animal diseases. He has made significant and outstanding contributions to knowledge of forage poisoning and sleeping sickness in horses. In 1919 at the University of Illinois he developed the first antitoxin for botulinus poison in man. Among his other works have been outstanding work in diseases in swine, sheep, and poultry.

Dean Graham has a heavy load to bear but a more capable nor broader pair of shoulders could be found to take up the load. Good luck to Doctor Robert Graham. Here's hoping the new and old Illini get to know and appreciate Robert Graham, Dean of the College of Veterinary Medicine at the University of Illinois.

More Phosphate Seen for 1947; Lime Constant

Limestone supplies available to Illinois farmers in 1947 are expected to be about the same as for the past two years, when 4,200,000 tons were used in the state, says C. M. Linsley, soils extension, University of Illinois College of Agriculture.

Total rock phosphate supplies for direct application to the land are estimated as 550,000 tons. It is expected that approximately 450,000 tons of this production will be used in Illinois, or enough to phosphate about 900,000 acres at 1,000 pounds an acre, Linsley explains. This will be an increase of about 70,000 tons over last year's record use of 382,000 tons.

On the basis of tests of a large acreage of farm land by the University of Illinois College of Agriculture and farm advisers during the past 15 years, about 20 million acres of Illinois farm land land need 10 million tons of rock phosphate for adequate soil improvement and erosion control.

FARM LABOR PROGRAM CONTINUES INTO 1947

The farm labor program is to continue through June 30, 1947, announces W. D. Murphy, state supervisor, extension farm labor program, University of Illinois College of Agriculture. President Truman has signed the act continuing the program to assist in locating farm laborers when and where needed.

Murphy pointed out that, inasmuch as the program will continue for another year, county officials will carry on educational programs during the winter months, stressing labor utilization, housing for farm laborers and such other aspects of the farm labor program as are of particular importance in Illinois.

Total farm labor placements in Illinois for the first seven months in 1946 were 30,188 compared to 39,346 for the similar period last year.

Extension "Juniors" Train in Missouri

By Mary Argenbright

Just call me "Junior." As an undergraduate home demonstration trainee of the University of Missouri this past summer, I became a part of the nation's agriculture extension service. My official title was Junior Assistant Home Economics agent at large, but I was usually known only as the Junior HDA or just "Junior."

There are approximately 2,500 graduate home demonstration agents serving the farm women of the 48 states and Puerto Rico and Hawaii. The program for training of undergraduate women is comparatively new, but 11 young women from Missouri and surrounding states received the training as junior home demonstration agent this summer in various training counties of Missouri.

38 Participate in Program

The program of undergraduate training was originated in Missouri in June, 1942, and seven young women were trained that year. Since that time 31 other young Home Economics trainees have participated in the program. Of the 11 in training the past summer two were from Illinois, two from Oklahoma, two from Tennessee, and five from Missouri. These student extension workers were situated in various of the 25 special training counties of the state.

The HDA's are paid by Federal, state, and county funds because they are officially "teachers of public education in homemaking and leadership." The title HDA usually means "Home Demonstration Agents," but extension workers are also called "Home Bureau Agents."

Cooperative Extension Service

The Home Demonstration Agents are members of the cooperative extension service which is a part of Land-Grant college system of United States under the terms of the Smith-Lever Act of Congress which was passed in 1914 and provides federal aid for Agriculture extension work. The system of organized adult education provided by the cooperative extension service under the terms of this act has become the largest in the world. The local people, county government, state government, and federal government all cooperate financially and with their respective talents to make the United States Agriculture extension work a live organization.

The extension service of the States and Puerto Rica and the territory of Hawaii teach approved farm and home practices to rural families. The leaders in this work show the farm people how to use their own resources and the resources of public and private institutions to solve rural problems.



A clothing display of housedresses which were made as individual projects by the Extension Club women of Missouri.

Junior Assistant Training

The program for the on the job training of Junior assistant home demonstration agents gives undergraduate young women an insight into the problems and responsibility which are met in full time extension work. A Junior assistant agent works along with the regular home demonstration agent in answering office calls, planning kitchens, conducting picnics, training schools, 4-H organizations, and the many other requirements of the extension job. Most leaders extension work believe that more such job training courses would be beneficial.

The work of a Junior Home Demonstration Agent is primarily carried out in order to introduce young women to the responsibilities of extension work. Recreation responsibilities and help with 4-H groups and rural youth groups provide entertaining activities for an undergraduate agent.

Events to Enjoy

Monthly square dances, 4-H achievement days, and county and district fairs are interesting events which a Junior agent may enjoy. By participating in the actual demonstration of recommended practices the Junior assistant home demonstration agents receive valuable training in preparation and presentation of subject matter material.

The three main objectives of the program for Junior assistant home economics agent training as stated by Mr. R. R. Thomasson, Assistant Director of Agriculture extension in Missouri are:

1. "To help on the county extension work especially with 4-H and youth groups.
2. "Give student home economists an opportunity to learn about home demonstration work before graduation in the hope that the students will wish to continue the work.
3. "Give young women advantages of experience in extension work before she gets her degree."

Thrills at Work

One of the thrills of the work as a home demonstration agent is to see the ideas that you have promoted put into immediate use. A demonstration on some subject is given to a small group of community leaders and these leaders in turn present it to their club women who use it to help meet their individual needs.

Junior home demonstration agents can experience this thrill too. This summer the home demonstration agent, a University specialist, and myself presented a meeting on posture and care of the feet. It was a great satisfaction to me to visit these clubs at later dates and watch the local club women demonstrate and carry out the ideas we had introduced.

(Continued on Page 10)

Let's Get Acquainted . . .

(Continued from Page 9)

Throughout the counties of Missouri often times the social life of the rural community is centered around the women's extension clubs, the 4-H clubs, and the rural youth organization. All of these programs are a part of Agriculture Extension Service, and are directed by the local county farm agent, home demonstration agents and assistants.

In Missouri the Agriculture extension workers are members of the faculty of the University of Missouri college of agriculture and enjoy the benefits and privileges that go with this position. The county extension worker is therefore a local representative of the University and the United States Department of Agriculture. A county sponsoring organization helps promote the extension work locally. The county agent, the district supervisor, and extension specialists all aid the home demonstration agent in carrying out her work.

Need More Trainees

There is a need for greater participation in the training program. More Junior Assistants are needed than can be trained.

For appointment as a Junior HDA the young women are preferred who have had previous farm and 4-H experience. The extension workers feel that the training is most valuable if taken between the Junior and Senior year.

The variety of work which extension offers makes it an interesting and fascinating field. As a Junior HDA I enjoyed the travels over the county to visit the extension clubs, the many new friends I made, and the stimulating experience of participation in club activities with youth groups as well as women's farm clubs. I was proud to be called "Junior."

VETERINARY . . .

(Continued from Page 8)

Principles of Feeding	3
	16

Second Semester

Gross Anatomy	5
Histology and Embryology	4
Bacteriology 5a and 5b	5
Animal Husbandry 41 (Genetics)	3
	17

Total milk production on Illinois farms during April was 389 million pounds.

Farm production of eggs in Illinois during April totaled 344 million, the third largest number on record for that month. Egg production is runing about 1 per cent behind last year.

WHY JOIN THE RURAL LIFE CLUB

Although they do not realize it yet, many farm youth who are coming to college for the first time this fall to prepare themselves for a particular profession are undergoing one of the greatest changes that they will ever encounter in their lives. Each new student is in a changing are of his life, but the change for a farm youth is unlike that of many of the other students. For them, they will be leaving the farm, the wonderful home life found there, and the friends they made while in 4-H work and other farm organizations. Some of the youth will be leaving the farm for only a short time while others will be leaving forever. Even though some farm youth will continue their 4-H Club activities during the summer months, most of them have just completed their last year in 4-H Club work before coming to college. One can never imagine the greatness and number of things learned in 4-H that will influence his college career and his career in life. Through this unique organization he has acquired many skills, techniques, and an unspeakable amount of knowledge.

When these farm youth enter school this fall, the first thing they will miss and, of course, will want is an organization on campus which brings together all the 4-H members and farm youth —the Illini Rural Life Club. The aims of this organization are the same as the 4-H clubs and the majority of the members have been in 4-H Club work and therefore their standards and background are much the same.

At Illinois the Rural Life Club restricts no one, but is primarily for all those who have lived on a farm, been in 4-H Club work, or otherwise interested in rural activities. Dr. David E. Lindstrom, the capable faculty advisor of the Rural Life Club, is the principal instigator of the club. Without his interest in the club and all his time and effort, the club could not have been a success. Last year's able and enthusiastic president, Lucille Denby Pockington, was very successful in keeping the club alive and going in spite of its handicaps and the fact that the school was not yet back to normal after the war years.

The Rural Life Club's main objectives are to bring together youth who have a common interest, to gain in more knowledge concerning rural affairs, and to just have a good time together. By doing these things, one soon gains many new friends whom he might not have otherwise met on campus. By having an education program leadership is gained, and keeping the club going and making it worthwhile requires cooperation from all members of the organization. All these things that were acquired in 4-H Club work can now be put to practice in the Rural Life Club.

Even though one's college days are short, the experiences for those few years in an organization such as this will always be regarded as happy and well spent hours. The Rural Life Club is just another step along the way as your 4-H had been in the past and as other organizations will be in the future. Each of these steps along the way should prepare one better for the next as well as to prepare one to be a better citizen of tomorrow.

Actual comparisons on 160-acre farms in St. Clair and Madison counties showed that those with conservation practices returned $720 a year above the non-conservation system of farming.

Cantaloupes are so named after Cantaloupe, Italy, where the melons were first grown in Europe.



4-H members showing their Baby Beef in the 4-H show at the County Fair.

Highlights from Home Economics

This page and those immediately following are dedicated to you and your interests, Home Ecomomics co-ed. It is the intention of the staff to bring to you at all times highlights from home economics at the University of Illinois. We will appreciate and welcome any suggestions, criticisms or contributions you as a reader may have.

Hitch Your Wagon to Home Economics

By Ruth Jaques '47

You've hitched your wagon to a home economics star, one of the brightest stars in the career universe—accentuated with versatility—rich with opportunity. This first year, as you start preparation for your "journey to the star," think hard: which niche in it was meant "just for you."

Dealing in Diets

A dietician is a person who regards "food as the key to health." Feeding large groups of people in hospitals, clubs, schools, factories, tearooms is her responsibility. If you like working with people and food in a big way, you'll find great satisfaction here.

Teaching Talk

If teaching talk fascinates you—you, my friend, are set. Home economics instructors are as rare as "Chenel No. 5," and three times as much in demand. You'll be working with every age group, opportunities for leadership and service are almost unlimited, and think of those long vacations for leisure, travel, self-improvement or what have you.

Nutrition News

Read all about food industries if you are nutrition minded. You'll be telling people what foods make them tick better than others. You may help plan adequate diets at various income levels. Here's a timely tip for a lead—chemistry and German will occupy a lot of your hours in school.

Designs from You

Line, form, and a bit of material may become a creation par excellence in your hands, but the trouble is there is so much that has to happen between now and the time your name goes on a dress from the "28" shop. Experience is requirement number one. You may start as a pin holder in the same room with other designers if you're lucky; if you're real lucky you may design dresses that cost under six dollars for women you'll never see. Consider carefully, and if you still get a kick out of creative work, there's always room for good designers.

Cooking with Words

If pushing a pencil or pounding a typewriter for that by-line means more to you than the drama and excitement of the celebrity you're writing about, then hold on to your hat and hop to it—your life is going to be interesting. Advertising agencies, commercial commercial companies, magazines, all want more home economics trained journalists than colleges and universities can supply at present.

Extension in Rural Areas

To the farm front with you if you like demonstration work and helping people of all ages with their problems as individuals. Be prepared to answer questions on everything from gardening and home management to personal and family relations—you'll be expected to know.

Specialist in Child Care and Guidance

Talents for taking care of toddlers can be developed into abilities to supervise nursery school, be consultants in welfare agencies, in colleges and hospitals or agricultural extension services. Such an accomplished person helps guide emotional, physical and mental development of children, and works with parents on special problem children.

Home Economics in Business

The better to see their business, advertising sections and sales promotion departments of many types of firms employ home economists to interpret to them what women want, why they want it. Along with this the home economist's job is to interest women in what the business has to offer.

Buyer, Merchandiser

Buyer, merchandiser, chief — rich man, poor man—that's where it begins —poor man. You'll start as a salesgirl to be sure you've assimilated all the knowledge of fabrics, clothes, furnishings, and equipment you'll be exposed to in the next four years. After that it's up to you, and when you get there they say it's worth the effort.

Research Worker

Digging for the truth in laboratories of commercial companies, government agencies, textile firms, colleges and universities can be the most fascinating of tasks if you're interested in what you're searching for. Conscientous girls with dependable records are always in demand.

Future Glimpses

These are just glimpses into a few of the things home economics can hold for talk them over with your advisor and other interested persons. A wise woman once said, "recreation is doing what you want to do." That's what your life can be if you plan and work for it.

Post Script

No, we didn't forget the most important of all careers, marriage. All these careers in home economics center around the family which in spite of all other new developments still seems to be the most important element in the world today, and probably will continue so for some time. Although college home economics is far more complex than learning to wield a fancy needle or toss a terrific salad, it's an excellent preparation for marriage.

Your College Room

By Rose Ellen Disbrow '48

"Home is the place where you hang your hat." That is the old saying, but it will take more than a place to hang your hat to make your new college room a tranquil, pleasant abode for relaxation and study. There is nothing quite so soothing to the nerves of the ever-busy college girl than to be able to return to a cheery, tidy room after a rugged day of classes. Freshmen girls, just ask any observing, experienced senior what the qualifications for a pleasant college room are, and she will very likely tell you there are only three requirements —tidiness, cheerfulness, and convenience.

First, let us look into this matter of tidiness. If your room is to have that quiet, peaceful atmosphere that only a clean room can have, you must train yourself to put things back into their proper places. Don't ever let yourself slip into the shoddy practice of throwing your clothes over a chair (just for the minute, of course), or of going off to classes in the morning with your desk fairly groaning wit its load of open books, scratch papers, and other what-not.

(Continued on Page 12)

Your College Room . . .

(Continued from Page 11)

Take a last minute look at your dress to make sure you've left it in a respectable condition. A couple of dainty perfume or cologne bottles and an attractive jewelry box or two are ample decoration for the top of your dresser. Dirty Kleenex, fallen hair, cold cream jars, and spilled powder certainly will not enhance the beauty of your dresser, or will never be a pleasing sight to a meticulous roommate.

Girls have found that shoe bags and laundry bags are absolute musts if your closet is not to be of the Fibber McGee type. To make the task of keeping your room clean easier, have plenty of waste baskets handy, and remember, girls, that it will take only about a half minute to hang up your clothes.

Most college girls have no respect at all for dreary, drab rooms. To achieve that cheerful atmosphere that the girls adore, here are a few suggestions. How about a bulletin board about three feet by three feet with a ruffle around the edges made of the same material you have in the drapes or bedspread? You can hang it on that bare wall you've been fussing so much about. On this bulletin board you can task clever jokes, pictures of Van Johnson (a dandy moral builder), or perhaps timely articles you think worth while.

Colorful drapes, bedspreads, and chair coverings are usually the first place to look for that note of cheerfulness. In choosing them, keep in mind pleasing color combinations and try to avoid anything too harsh or gaudy. A little paint will do wonders for that old ugly piece of furniture your mother has given you. One smart young lady had a very small dresser which she gave a coat of white enamel, and then added a touch of red to it for gaiety. That dresser was the "life of the room."

It's always pleasant to have a few toy animals and a couple of fluffy, attractive covered pillows for your bed. By all means, keep your room feminine, but avoid the frivilous, as that soon grows tiresome.

Now for a word concerning convenience. Do have plenty of lights; have a light for your dresser, one for your desk, one for your closet, and one above your bed. Since lots of girls like to study in bed, why don't you purchase one of those tri-cornered cushion-like objects which are being sold in college shops to prop behind your back. It is very convenient, you will find, to have a small bookshelf with a light under it to hang above the head of your bed.

You'll find you will have yourself a lot of time in the future if you will take a little time now to arrange your clothes in the closet according to frequency of use, and arrange your clothes so that all articles of the same type will be hanging together. Make sure you have several waste baskets, ample bookshelf space for your books, and ample drawer space for all the odds and ends, such as stationery, glue, and pencils. Also, do have a little wire clothes rack to hang on the back of your chair in case you have laundry to dry.

Why don't you and your roommate put your heads together right now and devise something cheerful and clever for your room? You'll find it will pay big dividends in happy days spent at the University of Illinois.

Proper Canning and Storage Will Avoid Flat Sour

It behooves every homemaker who does any canning at all to know the rules and regulations and obey them to the letter, says Miss Grace Armstrong, foods specialist, University of Illinois College of Agriculture, for food spoilage means loss of money, waste of time and energy and—what is worse—waste of food at a time when it means life or death in many parts of the world. And then there is always the danger that the spoilage may not be detected and will cause illness when the food is served.

One type of spoilage that seems to be causing difficulty this year is flat sour. It occurs most often in such foods as corn, string beans and peas, and it can usually be recognized by the cloudy liquidf. The presence of acid in the food gives it a sour taste.

One safeguard against flat sour is to shorten the time between garden and can. Sometimes the bacteria begin their work right in the boxes and baskets where the food is packed before the product can even be processed. When it isn't possible to can the food right away, it should be placed where it is cool and spread out for good air circulation—not left heaped up in buckets or baskets.

Another way to guard against flat sour is to see that the cans or jars are promptly cooled after processing. Tin cans may be plunged into a tub of cold water or held under running water. Glass jars should be set on a rack with enough distance between them for good circulation of air, although a direct draft which may break the jars must be avoided. When cool, they should be stored away from the light in a cool place.

Adequate Etiquette

By Libby Stried '47

Adequate Etiquette

Due to the rather small number of students attending this fine institution of higher learning, it might do well to pass a word concerning etiquette on yon campus.

Of course we are taking it for granted that all you sophomores, juniors, and high and mighty senios are well acquainted, but think of the freshmen! Though we find from the registrar's office that we won't have over fifty thousand freshmen entering school this year, we still feel that not everyone can become acquainted on the first day—it may take two or three. When you spot some poor dazed Joe wandering around with that lost look that comes only after four years of high school and the thought of wasting four more in college, give him (or her) a helping hand.

A campus as large as ours offers no end of facilities for both amusement

(Continued on Page 14)

Principles of . . .

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Gone But Not Forgotten

By Charles Nicholson '48

'40

Bonard Wilson is living with his family here on campus. He is about to complete work for his master's degree in agricultural education.

Walter Parks has a position as soil scientist with the Soil Conservation Service in Knox County.

'41

Burdette Lutz is farming at home near Good Hope, Illinois, in McDonahue County.

Howard "Doc" Lanus is employed by the Gainer Food Company in Springfield, Illinois.

Myron Mueller is farming at Taylor Ridge, Illinois.

Bill Congleton has a position as supervisor for the Princevile Canning Company in Prinecville, Illinois.

'42

Jim Davies is now back in the States after a long stay in Europe in the Army. Jim plans on starting farming when he receives his discharge.

Delmar Zumwalt arrived back in the States early in June and is now farming near Delavan, Illinois.

Mrs. Glen Rubinking, the former Barbara Kindred, has taken a position teaching Home Economics at Champaign Senior High school. She and her husband are making their home in Champaign.

Russel Parks, former editor of the Agriculturist, has been discharged from the service and has accepted a position with radio station WLS in Chicago.

Paul Buchannan is living here on campus doing graduate work in Agriculture Economics.

Herschel Mizzell is doing counseler work in New Men's Residence Hall taking graduate work in Agronomy.

Bob Harris is also doing counseler work and taking graduate work.

Walter Peterson is teaching Vocational Agriculture in Big Rock, Illinois.

John Patterson is working with the University Extension Service with headquarters here on the campus.

'43

Ed Schneider is here on campus doing graduate work in soil fertility.

Earl "Gus" Swanson has been discharged from the Service and is now farming at East Lynn, Illinois.

Delbert Gable is still in the Service, stationed in Japan.

Dick Romersberger has been discharged from the service and is farming in Rock Falls, Illinois.

Ernie Stevenson is now on campus doing graduate work and assisting on the Agriculture Economics Staff.

'44

Harold Wallace is on campus doing graduate work in Animal Husbandry and assisting on staff.

'45

Kenneth Wright is on campus doing graduate work. He will receive his Master's Degree at the end of the summer term.

Gene Becker is on campus working on his Master's Degree in Swine Husbandry. He is also working as assistant staff member in Swine Husbandry Department.

'46

Helen Mae Whitson is in Decatur working in nutrition laboratory for the Staley Processing Company.

Jannie Bartel is Rural Youth Advisor in DeKalb County with headquarters in DeKalb.

Lillian Schrader has the home advisor position in Jersey County. Her headquarters are in Jerseyville.

Maurice Shellhardt is living in Milford, Illinois, and has a position with

(Continued on Page 14)

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Around the Corner on Green Street

Adequate Etiquette . . .

(Continued from Page 12)

and, strangely enough, education. To get around to these inumerable haunts one must walk, but ofttimes the sidewalks are so crowded that ones uppers are jarred right out of his mouth. This is a bad and dangerous condition; uppers are hard to find and many are the students who have gotten to the brink of starvation before Monkey Wards came thru. Use a little courtesy and common sense, don't walk in line five abreast so that you cover the whole broadwalk, walk to the right, and when hashing over last night's fling try not to block traffic completely.

Getting out of a lumpy bed and into the delightfully fresh, warm atmosphere of a typical mild Illinois winter is probably the most exhilerating sensation one could "sensashe," but somehow nobody seems to appreciate it. So there stands the prof. lecturing to a bare and unattentive classroom whilst the tribe of Illini slumbers peacefully. This is hard on the professor's moral which, in turn, is hard on the student's grades and leads to bloodshed on the part of all concerned. Getting to class on time is courteous and expected. In other words we think it better to daydream in class than to sleep out of class.

On this subject of campus etiquette we could write pages and pages for it plays an all important role in preparing us for the rough, tough world that exists outside the classroom. College really isn't much different than a big business institution, we all have a job to do and as always, our attitude and behavior can make the job either pleasant or a burdensome task. Lets all work together toward making this year, and subsequent years to come, a pleasant and profitable association with the best institution of higher learning in Illinois.

Shipments of stocker and feeder cattle into Illinois, both direct and through public stockyards, totaled 582,763 in 1945 compared to 842,523 in 1944.

Gone But Not Forgotten . . .

(Continued from Page 13)

Milford Canning Company as field superintendent.

Betsy Kindred is teaching Home Economics at Beason Community High School.

Jack Rundquist is doing graduate work here on campus in Agronomy.

Dale Sinclair is now married and going into the farm implement business in Martinsville, Illinois.

Ralph Dralle is now employed by the Dairy Herd Improvement Association and plans to start farming next March.

Dorothy Brunskill is teaching Home Economics at Manlius Community High School.

—Charles W. Nicholson, Reporter

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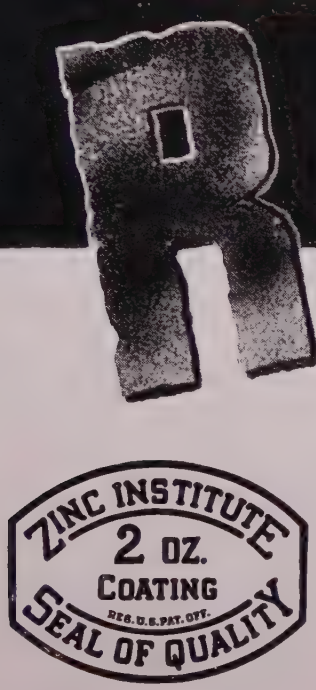
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Illini Traditions . . .

Traditions! Why should a great institution have traditions? Traditions are the annual customs and events that help give a university its character; but before a university may have character and distinction, its student body must adapt these traditions for their own.

Gone are the traditions that freshmen must wear a green cap, the inter-sorority relays, the tug of war between the freshmen and the seniors across the Boneyard, Hell Week, and the annual circus. These are some of the traditions that our fathers remember as making them true Illini.

But what about some of the traditions that make us good Aggies? We have in the Ag College two of the oldest organizations on the campus. Only the YMCA enjoys the distinction of being an older student organization. This year the Ag Club and the AGRICULTURIST start their second half century. The purpose of the Ag Club is to foster a fellowship between the students and the faculty. Its aim is to carry on a program that is both educational and enjoyable. The Ag Club encourages its members to develop leadership by taking part in the club's programs. The Home Ec. Club is for girls in home economics and has a similar purpose as the Ag Club. The ILLINOIS AGRICULTURIST is a magazine published on campus that carries the news of the Ag College and the while field of agriculture. This offers a chance for students in Agriculture who have journalistic ambitions to express themselves and also gives opportunity for CO-EDucation!

Some of the traditional events sponsored on the Ag Campus are: The All Ag Field Day, the Little International, the Spring Judging Contest, the All Ag Banquet, and the Annual Faculty Reception.

The All Ag Field Day is held in the fall and is a joint function of the Ag and Home Ec. clubs. It is an afternoon of contests, a picnic supper, and a perfect day is concluded with a dance in the "Ballroom" of the Agricultural Engineering Building. This is one of the first functions of a new school term and is a good opportunity to get acquainted with new faces and renew old friendships.

The Little International was held in the Stock Pavilion and was sponsored by the Hoof and Horn Club. It was an evening of contests to see which co-ed could milk the fastest; who could catch the greased pig the quickest; which group could roll the log the prescribed distance in the shortest time; and to see the ROTC Cavalry boys put their horses thtrough their paces.

The Spring Judging contest was sponsored by the Ag Club. Almost every department in the College had something for the students to judge. For instance, agronomy had seeds; animal husbandry had sheep, hogs, and cattle; and dairy had anything from cows tto ice cream. The All Ag Banquet was the climax of this event. Here the faculty and the students gathered for a good meal and to see who was awarded the prizes as winners of the different classes in the judging contest.

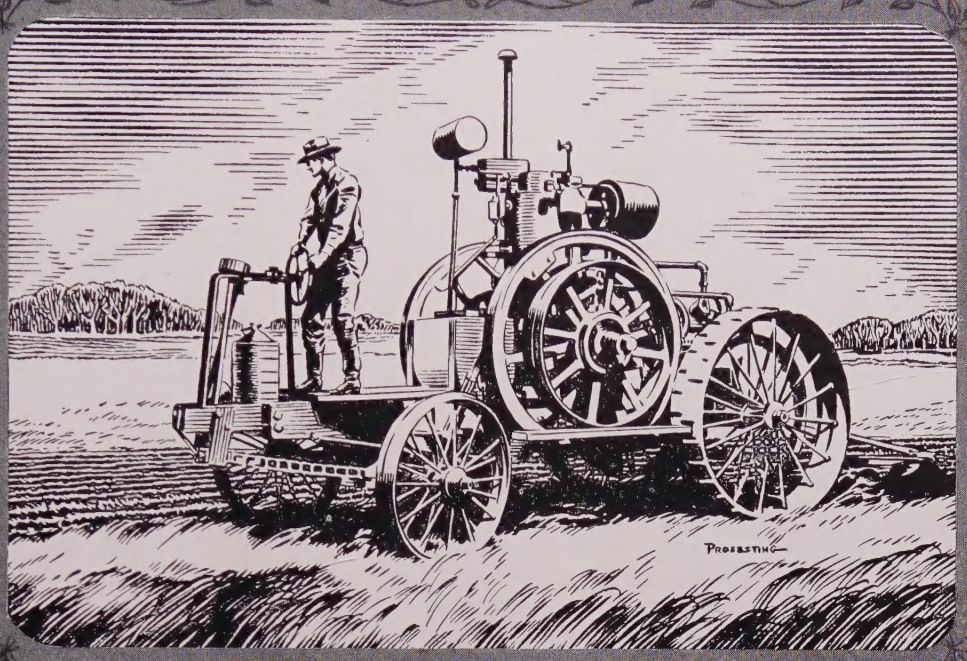
The Faculty Reception is sponsored by the Ag Faculty in the YMCA. It is their invitation to all the students in the College to come and get better acquainted so that there may be closer cooperation between the students and the instructors. This event is held especially for the freshmen, but the upper classmen find it very profitable to know the men who are the leaders in the different fields of Agriculture.

Illini traditions are reflected even more when its graduates go out into their chosen fields and, according to the standards set by men, are judged successful. You too may help keep and make these traditions stronger by participating in all activities of the College possible and by studying and making diligent use of your time and talents so that you may "Show yourself approved before God and man."

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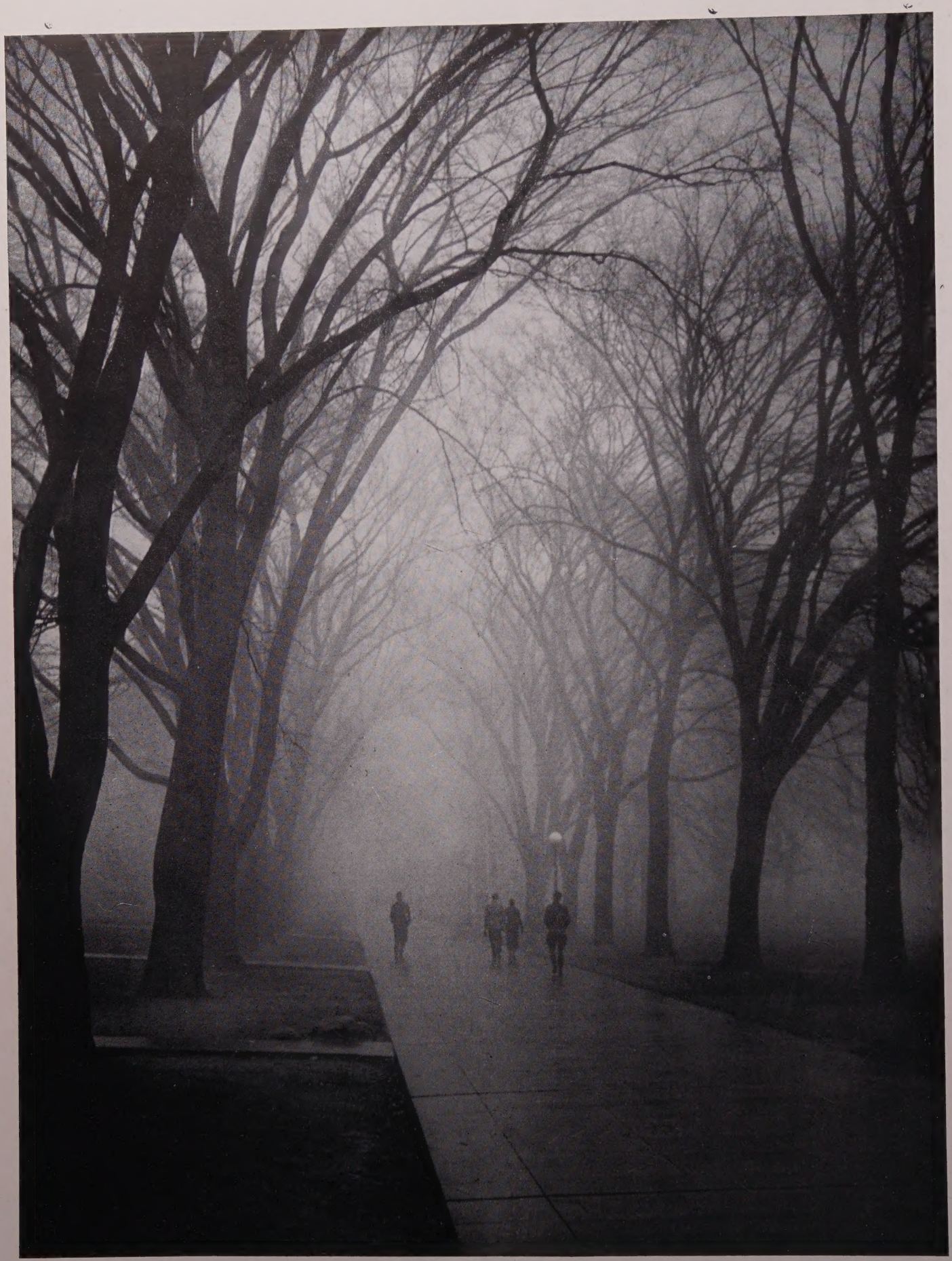
On the day of its first trial, Froelich's one-cylinder, gasoline burner stilled the most rabid critic by chugging out to a nearby farm and proving that it could pull drawn equipment as well as operate belt-driven machines.

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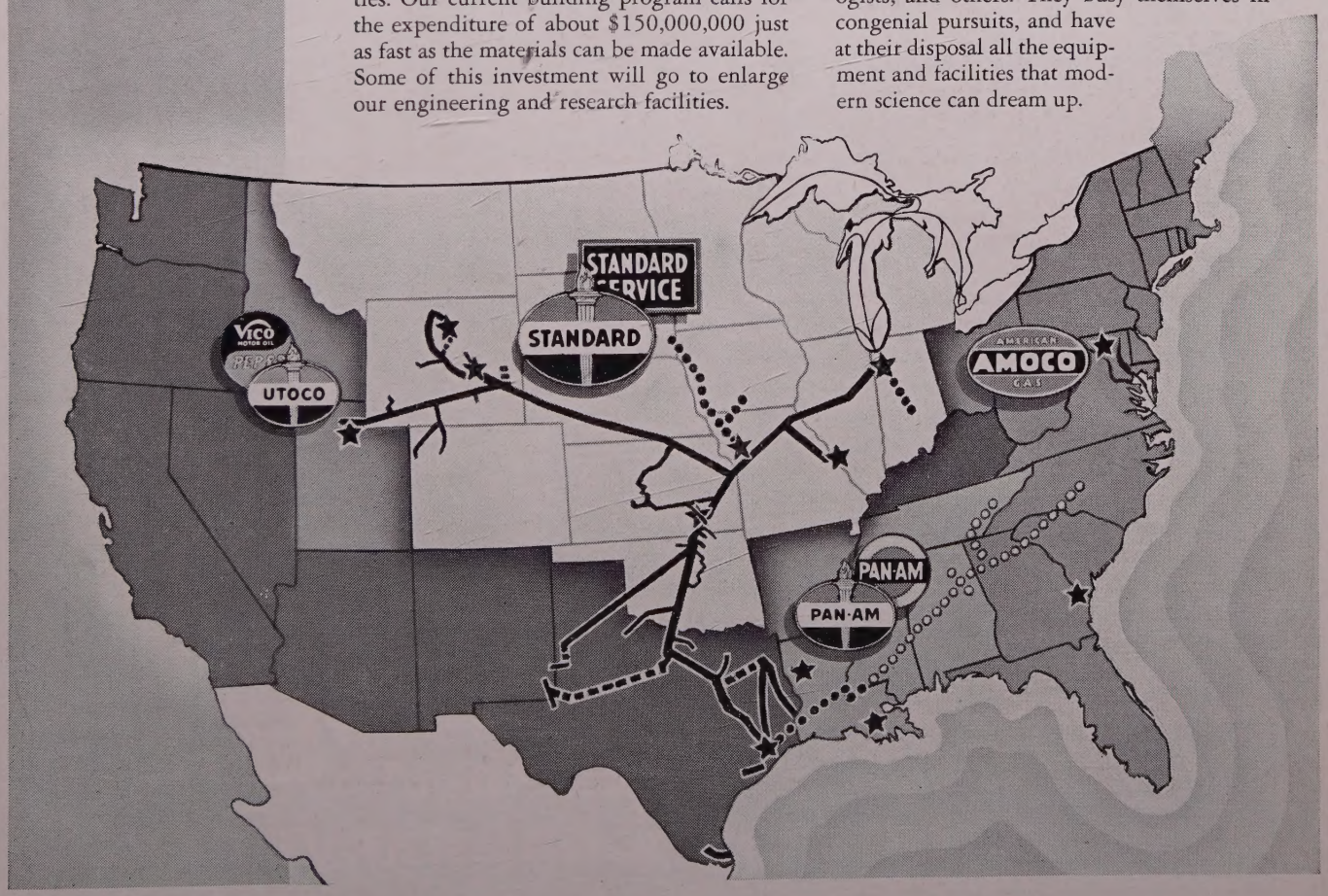
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